Applicant: Paul E. Beckmann et al.

Serial No.: 09/689,337 : October 12, 2000 Filed

Page : 2 of 14

Amendments to the claims (this listing replaces all prior versions):

1-79. (canceled).

- 80. (currently amended) An audio reproduction system comprising:
 - (i) an audio source device comprising:

a storage device configured to store containing a plurality of music files, each music file including at least a first and second type of metadata that characterizes the music file; and

a display device for displaying a user interface configured to present a first assemblage of the plurality of music files in a first set groups according to the first type of metadata associated with the music files, and, in response to a user selection of a group in the first assemblage, present a second assemblage of the music files in the selected group, wherein the second assemblage presents the music files in the selected group in a second set of groups according to the second type of metadata associated with the music files in the selected group;

(ii) an enclosure comprising:

a powered speaker;

an interface configured to operably couple the audio source device with the powered speaker; and

control circuitry for receiving control signals; and

- (iii) a remote control configured to produce at least a first control signal that controls an operation of the audio source device, wherein the first control signal is received by the control circuitry and transmitted to the audio source device via the interface.
- 81. (currently amended) The audio reproduction system of claim 80 wherein the audio source device further comprising comprises a processor and instructions stored on a computer-readable medium that when executed by the processor cause the processor to assemble the plurality of music files into the first set of groups based on the first type of metadata associated with each respective music file, and assemble the plurality of music files into the second set of groups based on the second type of metadata associated with each respective music file.

Applicant: Paul E. Beckmann et al.

Serial No.: 09/689,337 Filed : October 12, 2000 Page : 3 of 14

- 82. (previously presented) The audio reproduction system of claim 81 further including instructions that cause the processor to detect an addition of a new music file to the plurality of music files after assembling the plurality of music files into two or more groups, and in response to detection of a new music file, automatically updating the first and second set of groups with the new music file based on first and second type of metadata associated with the new music file.
- 83. (previously presented) The audio reproduction system of claim 80 wherein the first or second type of metadata comprise artist information.
- 84. (previously presented) The audio reproduction system of claim 80 wherein the first or second type of metadata comprise album information.
- 85. (previously presented) The audio reproduction system of claim 80 wherein the first or second type of metadata comprise composer information.
- 86. (previously presented) The audio reproduction system of claim 80 wherein the first or second type of metadata comprise information about music type.
- 87. (previously presented) The audio reproduction system of claim 80 wherein the storage device comprises a hard drive.
- 88. (previously presented) The audio reproduction system of claim 80 wherein the display device comprises a monitor.
- 89. (previously presented) The audio reproduction system of claim 80 wherein the user interface is further configured to present information about a source of audio information.

Applicant: Paul E. Beckmann et al.

Serial No.: 09/689,337 Filed : October 12, 2000 Page : 4 of 14

90. (previously presented) The audio reproduction system of claim 80 wherein the user interface is configured to present the first and second type of metadata associated with music files.

91. (previously presented) The audio reproduction system of claim 90 wherein the user interface is configured to permit a user to sort music files based on the presented metadata

92-93 (cancelled)

94. (currently amended) An audio reproduction system comprising:

a sound reproduction device comprising at least one speaker;

an interface unit operably coupled to the sound reproduction device;

a mass storage device configured to store a plurality of music files each including at least a first and second type of metadata characterizing the respective music file;

a computer music storage device configured to removably connect interface with the sound reproduction device via the interface unitand a network, the computer music storage device comprising:

a storage device configured to store a plurality of music files each including at least a first and second type of metadata characterizing the respective music files:

a processor; and

instructions stored on a computer-readable media that when executed, cause the processor to:

assemble the plurality of music files into a first set of groups based on the first metadata associated with each respective music file;

assemble the plurality of music files into a second set of groups based on the second metadata associated with each respective music file;

detect an addition of a new music file to the plurality of music files after assembling the plurality of music files into two or more groups; and

Applicant: Paul E. Beckmann et al.

Serial No.: 09/689,337 Filed: October 12, 2000

Page : 5 of 14

in response to detection of a new music file, automatically update the first and second set of groups with the new music file based on first and second type of metadata associated with the new music file; and

a remote control device configured to transmit commands to the sound reproduction device, wherein the commands received at the sound reproduction device control at least some operation of both the sound reproduction device and the music storage device.

- 95. (currently amended) The audio reproduction system of claim 94 wherein the mass-storage device is located within the music storage device comprises a personal computer.
- 96. (currently amended) The audio reproduction system of claim 94 wherein the mass storage device is located within the music storage device externally to the computer.
- 97. (currently amended) The audio reproduction device of claim 94 wherein the sound reproduction device <u>further</u> comprises a radio tuner.
- 98. (currently amended) The audio reproduction device of claim 94 wherein the sound reproduction music storage device comprises circuitry for converting a music file to audible sound.
- 99. (previously presented) The audio reproduction device of claim 94 wherein the sound reproduction device further comprises a housing containing the one or more speakers, and the interface unit is physically integrated within said housing. —instructions further cause the processor to receive music files from the network
- 100. (previously presented) The audio reproduction device of claim 99 94 wherein the interface unit is physically connected to the sound reproduction device via a cable. network comprises the Internet.

Applicant: Paul E. Beckmann et al.

Serial No.: 09/689,337 Filed: October 12, 2000

: 6 of 14 Page

101. (previously presented) The audio reproduction device of claim 94 wherein the first type of metadata comprises one or more of the following: artist, composer, album, and type of music.

102-104. (cancelled).

105. (new) The audio reproduction system of claim 80 wherein the audio source device comprises a computer.

106. (new) The audio reproduction system of claim 105 wherein the computer comprises a personal computer.

107. (new) The audio reproduction system of claim 80 wherein the storage device comprises a hard drive.

108. (new) The audio reproduction system of claim 80 wherein the interface comprises an electrical connector.

109. (new) The audio reproduction system of claim 80 wherein the remote control is further configured to produce a second control signal that controls an operation of the powered speaker.

110. (new) The audio reproduction system of claim 80 wherein the first control signal comprises a signal instructing the audio source device to skip to the next track.

111. (new) The audio reproduction system of claim 109 wherein the first control signal comprises a signal instructing the audio source device to skip to the next track and the second control signal comprises a volume control signal.

Applicant: Paul E. Beckmann et al.

Serial No.: 09/689,337 : October 12, 2000 Filed

Page : 7 of 14

112. (new) The audio reproduction system of claim 80 wherein the enclosure further comprises a radio tuner.

- 113. (new) The audio reproduction system of claim 80 wherein the interface comprises a physical interface configured to operably couple the audio source device with the powered speaker.
- 114. (new) The audio reproduction system of claim 80 wherein the interface is further configured to removably couple the audio source device with the powered speaker.
- 115. (new) The audio reproduction system of claim 94 wherein the interface unit is configured to receive from the remote control the commands that control operation of the music storage device.
- 116. (new) The audio reproduction system of claim 94 wherein the storage device is configured to receive from the remote control the commands that control operation of both the speaker and the music storage device.
- 117. (new) An audio system comprising:
 - (i) a sound reproduction device comprising:

an enclosure;

- a powered speaker at least partially located within the enclosure; and a radio tuner at least partially located within the enclosure;
- (ii) an interface device operably coupled to the sound reproduction device;
- (iii) an audio source device configured to output one of a plurality of audio streams and further configured to removably connect to the sound reproduction device via the interface device; and

Applicant: Paul E. Beckmann et al.

Serial No.: 09/689,337 Filed : October 12, 2000 Page : 8 of 14

(iv) a remote control device configured to control both at least some operation of the audio source device and at least some operation of the sound reproduction device.

118. (new) The audio system of claim 117 wherein the interface device is integrated within the enclosure.

119. (new) The audio system of claim 117 wherein the interface device is physically separate from the sound reproduction device.

120. (new) The audio system of claim 119 wherein the interface device is coupled to the sound reproduction device via a cable.

121. (new) The audio system of claim 117 wherein each of the plurality of audio streams comprise audio associated with a radio station.

- 122. (new) An audio reproduction system comprising:
 - (i) a sound reproduction device comprising:

an enclosure:

- a powered speaker mounted within the enclosure; and a radio tuner located within the enclosure;
- (ii) an interface device operably coupled to the sound reproduction device;
- (iii) an audio source device configured to removably connect to the sound reproduction device via the interface device, the audio source device comprising:

a storage device configured to store a plurality of music files, each music file including at least a first and second type of metadata that characterizes the music file; and

a display for displaying a user interface configured to present a first assemblage of the plurality of music files in a first set groups according to the first

Applicant: Paul E. Beckmann et al.

Serial No.: 09/689,337 : October 12, 2000 Filed

: 9 of 14 Page

> type of metadata associated with the music files, and, in response to a user selection of a group in the first assemblage, present a second assemblage of the music files in the selected group, wherein the second assemblage presents the music files in the selected group in a second set of groups according to the second type of metadata associated with the music files in the selected group; and

- (iv) a remote control device configured to control both at least some operation of the audio source device and at least some operation of the sound reproduction device.
- 123. (new) The audio reproduction system of claim 122 wherein the interface device is configured to receive at least one command from remote control device that controls operation of the audio source device, and transmit the received command to the audio source device.
- 124. (new) An audio reproduction system comprising:
 - (i) a sound reproduction device comprising:

an enclosure;

a powered speaker at least partially located within the enclosure; and an interface module at least partially integrated within the enclosure;

(iii) an audio source device configured to operably connect to the sound reproduction device via the interface module, the audio source device comprising:

> a storage device configured to store a plurality of music files, each music file including at least a first and second type of metadata that characterizes the music file; and

a display for displaying a user interface configured to present a first assemblage of the plurality of music files in a first set groups according to the first type of metadata associated with the music files, and, in response to a user selection of a group in the first assemblage, present a second assemblage of the music files in the selected group, wherein the second assemblage presents the